Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 31 Jan 2023 until 23:59 on Wednesday 01 Feb 2023

Forecast Issued on Tuesday 31 Jan 2023 at 03:49

Confidence: High for a cold, bright day Tuesday, with a few showers falling as snow on summits. Also high for a change to milder, cloudier but often breezy conditions from Wednesday.

Headline for Tuesday 31 Jan 2023: Sunny spells and a few showers, with snow likely on the tops. Feeling cold.

Mountain weather hazards on Tuesday 31 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Dull	Light snow	Light snow	Light snow
Precipitation probability					
30%	20%	20%	20%	30%	20%

Forecast for Tuesday 31 Jan 2023

Weather: Cloudy with some rain possible at first, mainly in the south, but soon clearing southeast. Then a bright day with sunny spells and occasional showers. These falling as snow above 600m.

Chance of cloud-free hill tops above 600m: 40% at first, becoming 70% by the afternoon in the east.

Low Cloud and visibility: Cloud will obscure tops above 600m at times, with some patches down to 400m during the morning. Outside of cloud, visibility will be generally very good but falling to several kilometres in any early morning rain and showers, and around a kilometre on the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 31 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/37 W	25/35 W	26/36 W	25/37 W	25/36 W	28/40 W	28/41 W
300	17/36 W	15/33 W	15/32 W	16/33 W	14/31 W	18/38 W	18/38 W
Valley	13/30 W	13/30 W	14/31 W	15/31 W	13/30 W	17/37 W	16/35 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	2/-4	2/-5	1/-6	1/-6	1/-6	1/-6
300	6/2	5/0	4/-0	4/-1	4/-1	4/-1	4/-2
Valley	7/4	6/2	6/2	6/2	5/1	5/1	5/1
Freezing Level*	1000m	800m	700m	600m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Highest summits could see gusts 50mph at times, with a notable wind chill effect.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 31 Jan 2023	1mm	3.4mm	7mm

Forecast for Wednesday 01 Feb 2023

Weather: Mainly dry with clear spells but cloud increasing during the early hours with some light rain, drizzle and summit snow. A mostly cloudy day follows with further occasional rain and drizzle, along with a little sleet or wet snow possible on the highest summits at first. Some brighter spells are possible across eastern hills.

Maximum wind: Westerly 30-35mph gusting 55mph, easing to 25mph gusting 45mph by early afternoon

Chance of cloud-free hill tops above 600m: Near 0% in west, 350% in east.

Low Cloud and visibility: Cloud largely persistent and obscuring tops above 500m in west, with patches down to 400m. Cloud more occasional in the east. Otherwise moderate to good visibility expected, but falling to several kilometres in rain and around a kilometre on the tops in any wintry precipitation.

Temperature: **Valleys:** Plus 4 Celsius rising to Plus 8 Celsius.
At 600m: Zero Celsius rising to Plus 3 Celsius
Freezing level: 700m rising above the summits

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